PERSONAL INFORMATION

Francesco De Rovere

I am an enthusiast and experienced researcher in physical oceanographic and climatology. I have a strong background in data analysis and scientific computation, mainly applied to meteorological and oceanographic datasets, from instrumental observations to gridded numerical outputs. My publication record showcases my analytical prowess. I am passionate about my job as a scientific researcher and embrace the intellectual challenges that foster my personal growth. I benefit from a collaborative work environment where I contribute and receive support interchangeably.

PERSONAL PROFILE

WORK EXPERIENCE

October 2024 – current — **Post-Doc**
CMCC (Centro Euro-Mediterraneo sui Cambiamenti Climatici)
Project: ObsSea4Clim
Activity: Assessment of marine heatwaves in Earth System Models

October 2024 - current — **"Cultore della materia" (subject expert)**
Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Venice (Italy)
Expertise on Atlantification of the European Arctic

October 2023 – October 2024 — **Research Associate (Assegno di ricerca professionalizzante)**
Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Venice (Italy)
Project: ATlantificaTion dRiven by polAr-subpolar ConnecTIONs (ATTRACTION) in a changing climate: integrating observational evidence, paleo-oceanography and modelling over the last thousand years at the gateway of the Arctic Ocean

November 2023 – March 2024 — **Tutor in STEM**
Ca' Foscari School of International Education, Venice (Italy)
Tutoring activities in Mathematics, Physics and Data Analysis for students of the Foundation Year programme

January 2021 - Current — **Associate Researcher**
Institute of Polar Sciences – National Research Council of Italy (CNR-ISP), Bologna (Italy)
Activity: Analysis of oceanographic data acquired in the Svalbard archipelago

April 2021 – April 2023 — **Secretary of APECS Italy**
Association of Polar Early Career Scientists – Italy

January 2018 – July 2019 — **Intern**
Institute of Marine Sciences – National Research Council of Italy (CNR-ISMAR)
Activity: statistical analysis of marine heat wave events in the Mediterranean Sea in the 1982-2017 period using remote sensing observations from Copernicus programme

March 2018 – December 2018 — **Research Associate**

Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Venice (Italy)

Activity: Statistical analysis of climatological data with a particular reference to surface gridded temperature dataset as HadCRUT and *in-situ* observing programmes as TAO.

EDUCATION AND TRAINING

September 2019 – February 2024	**PhD in Polar Sciences**
	Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Venice (Italy)

Thesis title: "Transition of Kongsfjorden's climate from Arctic to Atlantic: water masses variability and atmospheric drivers"
Research mobility at the Norsk Polaristitutt in Tromsø (Norway) from November 2021 to May 2022

September 2015 – March 2018	**Master Degree in Environmental Sciences**
	Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Venice (Italy)

English-taught courses

Thesis title: An analysis of near surface atmospheric and oceanographic parameters over the Pacific Ocean with a special focus on the daily cycle
Erasmus Mobility at the Sheffield Hallam University (January 2017 – May 2017)

September 2012 – November 2015	**Bachelor Degree in Environmental Sciences**
	Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Venice (Italy)

Thesis title: A statistical analysis of atmospheric pollutants in the city of Treviso

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English				
C1	C1	C1	C1	C1
Spanish				
A1	A1	A1	A1	A1

Communication and relational skills

Good communication and relational skills, which have been cultivated through various professional experiences in different research teams at different institutions. I try always to convey ideas clearly and effectively, in both verbal and written communication, tailoring my communication style to diverse audiences. Additionally, my strong interpersonal skills enable me to foster meaningful connections and collaborations within teams. Whether engaging in one-on-one interactions or addressing larger groups, I consistently demonstrate professionalism, empathy, and active listening, contributing to a positive and productive work environment.

Job-related skills

Demonstrated advanced proficiency in quantitative data analysis and scientific computation, particularly with atmospheric and oceanic instrumental and large gridded datasets. Expertise in **R,** strong command of **UNIX Bash** and the **CDO** package, knowledge of **MatLab** and **Python.** Experience with GIS software as QGIS and ArcMap. Good command of the Microsoft Office package. Expertise in preparing presentations and giving talks at scientific conferences.

Other skills

Expert hiker and good climber. Knowledge of security operations needed to complete an alpinistic route. Member of the Italian Alpine Club (CAI). Member of the Kayak Treviso club.

Driving licence B